

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ruelle et al.  
Docket No.: BM45376  
Serial No.: Unknown  
Filed: Herewith  
For: Haemophilus Antigen

Group Art Unit No.: Unknown  
Examiner: Unknown

**PRELIMINARY AMENDMENT**

Sir:

Applicant respectfully requests that this Preliminary Amendment be entered in this case before the calculation of fees and before examination of the subject application.

**In the Claims:**

Please delete the claims of the application as filed in the PCT and substitute therefor:

17. An isolated polypeptide comprising a member selected from the group consisting of
- (a) an amino acid sequence matching one of SEQ ID NOs:2 or 4;
  - (b) an immunogenic polypeptide comprising a fragment sequence of at least 15 amino acids that matches an aligned contiguous segment of one of SEQ ID NOs:2 or 4;

wherein the isolated polypeptide, when administered to a subject in a suitable composition which can include an adjuvant, or a suitable carrier coupled to the polypeptide, induces an antibody or T-cell immune response to a polypeptide having the sequence of one of SEQ ID NOs:2 or 4.

18. An isolated polynucleotide encoding a polypeptide of Claim 17 or the full complement to the isolated polynucleotide.

19. The isolated polypeptide of claim 17, wherein the polypeptide is according to (a).

20. An isolated polynucleotide encoding a polypeptide of Claim 19 or the full complement to the isolated polynucleotide.

21. The isolated polypeptide of claim 17, wherein the polypeptide is according to (b).